

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

RD2075	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 2075 McMullin	A	7.52						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.08			
Operations & Maintenance Manuals	0.08		0.08	1.06%				
Emergency Supplies & Equipment	0.08		0.08	1.06%				
Flood Preparedness & Training	0.08		0.08	1.06%				
<i>Supplemental</i>								
DWR Erosion Survey	0.01		0.01	0.13%				
<i>LMA Totals:</i>	0.24	0.00	0.24	3.19%	0.08	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2013 Levee Inspection Results

Reclamation District No. 2075 McMullin

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 2075 McMullin

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	7.52
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/21/2013 - 03/21/2013		10/25/2013 - 10/25/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Eddie Cordoza RD 2075		Eddie Cordoza RD 2075	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 2075 McMullin

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River					Right	7.52	10/25/2013 10/25/2013	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1			Earthen Levee	Emergency Supplies & Equipment	WS M Ma		°	°	7
DWR ID: DWR_RD2075_01_s_2013_7									
2			Earthen Levee	Operations & Maintenance Manuals	WS M Ma		°	°	17
DWR ID: DWR_RD2075_01_s_2012_17									
3			Earthen Levee	Flood Preparedness & Training	WS M Ma		°	°	19
DWR ID: DWR_RD2075_01_s_2012_19									
4	0.05	0.05	Earthen Levee	Vegetation	LS A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The District has done a good job removing unwanted weeds from the landward slopes. 10-25-2013.	37.748816 ° -121.289640 °	37.748816 ° 121.289640 °	183 Y
DWR ID: DWR_RD2075_01_f_2013_183									
5	0.05	0.05	Earthen Levee	Vegetation	WS A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Good job on levee slopes.	37.748816 ° -121.289640 °	37.748816 ° -121.289640 °	184 Y
DWR ID: DWR_RD2075_01_s_2012_184									
6	0.09	0.18	Earthen Levee	Vegetation	WS C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748629 ° -121.289760 °	37.747389 ° -121.289424 °	15
DWR ID: DWR_RD2075_01_f_2012_15									
7	0.75	0.75	Earthen Levee	Encroachments	WS M En	TA : Tank Inspector Comments: The land owner has a fuel tank on a metal platform waterward levee section. This is all part of a raised pad build here before the home was built.	37.742025 ° -121.284827 °	37.742025 ° -121.284827 °	13
DWR ID: DWR_RD2075_01_s_2012_13									
8	0.85	1.39	Earthen Levee	Vegetation	WS C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.741576 ° -121.283021 °	37.735311 ° -121.283118 °	20
DWR ID: DWR_RD2075_01_f_2012_20									
9	1.26	1.44	Earthen Levee	Encroachments	LS C En	DT : Ditch	37.736473 ° -121.281585 °	37.735173 ° -121.284033 °	4
DWR ID: DWR_RD2075_01_s_2012_4									

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.52	10/25/2013 10/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
10	5.34	5.35	Supplemental	DWR Erosion Survey	WS	M Ma	Inspector Comments: 09/10/2013: No significant change observed. 09/13/2012: No significant change observed. 08/18/2011: No significant change observed. Some new material added to the water side levee slope, but the added material is loose and seems not helping the levee protection. 10/05/2010: No significant changes observed. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee. 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO. 08/20/2009: No major change since last visit; site is located in an oxbow; slope surface consists of very sandy material; there is a tree on site leaning and with exposed tree roots; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Eddy Cordoza from the district is aware of the site and is looking for recommendation; site is previously rated "U". 08/17/2007: Site is close to an irrigation pump inlet. [2013 Site ID:RD2075U01RM64.34]	37.727933 ° -121.274491 °	37.727933 ° -121.274491 °	1 Y

DWR ID:

11	6.52	6.55	Earthen Levee	Encroachments	LS	C En	DT : Ditch	37.717362 ° -121.258437 °	37.719107 ° -121.258697 °	9
								DWR ID: DWR_RD2075_01_s_2012_9		
12	6.68	6.87	Earthen Levee	Encroachments	LS	C En	DT : Ditch	37.717362 ° -121.258437 °	37.714633 ° -121.258737 °	10
								DWR ID: DWR_RD2075_01_s_2012_10		
13	6.93	7.00	Earthen Levee	Encroachments	LS	M En	DT : Ditch Inspector Comments: Mr Cordoza said tha he would fill this ditch.	37.714010 ° -121.259605 °	37.713777 ° -121.260675 °	11
								DWR ID: DWR_RD2075_01_s_2012_11		

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Levee Inspection Report By Mile - Fall 2013

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.52	10/25/2013 10/25/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2075 Looking downstream from landside unwanted weeds has been removed from levee section. Photo taken 10-25-2013.

phillips_f_20131028_663.JPG



Levee Mile Report Line	5
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 2075 Looking downstream from waterside District has removed all brush and weeds from levee section. Photo taken 10-25-2013.

phillips_f_20131028_662.JPG



Levee Mile Report Line	10
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking up to the levee crown at the added material.

SJR2013_RD2075U01RM64.34_2.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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